

Abstract

~~The invention relates to a cost-reductive method and device for tuning the wavelength~~
of an optoelectronic component arrangement ~~comprising~~ ^{including} at least two optoelectronic
components. ~~According to the invention, the characteristic wavelength for each~~
optoelectronic component is adjusted ^{using} ~~by means of~~ ^{respective} a resistance device (RM) which is
connected between a common voltage/power source (U_0) and a heating device (H)
~~associated with each optoelectronic component~~ ^{respective} ~~pertaining to said components~~. Heating capacity is modified by changing the overall
resistance of the resistance device (RM) in order to adjust wavelength. ~~The invention~~
~~can be used to tune the wavelength of semiconductor lasers, filters, wavelength~~
multiplexers and waveguides. ^{The} ~~may be tuned~~